

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (Currently Amended) A printing system comprising an on-line client, a print server, a printer capable of performing a first set of finishing specifications, as well as an off-line finishing device capable of performing a second set of finishing specifications, wherein the print server includes:

a first memory for storing the first set of finishing specifications capable of being performed by the on-line printer and the second set of finishing specifications capable of being performed by the off-line finishing device, as well as information regarding options installed thereon;

a receiver for receiving from the client a job including data pertaining to a job ticket that includes at least finishing specifics for printing to be executed;

a sorter for, ~~based on the first set and second set of finishing specifications that are stored in the first memory,~~ separating the finishing specifics included in the job ticket received by the receiver into ~~those of the finishing specifics to be performed by the on-line printer and those of the finishing specifics to be~~ finishing specifics selected from the stored first set of finishing specifics capable of being performed by the online printer, and finishing specifics selected from the stored second set of finishing specifics capable of being performed by the off-line finishing device, wherein those of the selected finishing specifics to be capable of being performed by the on-line printer are assigned to the on-line printer, and those of the

selected finishing specifics ~~to be~~ capable of being performed by the off-line finishing device are assigned to the off-line finishing device;

a setting unit for setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated by the sorter and assigned to the on-line printer; and

a creating unit for creating data for a finishing device job ticket that includes the finishing specifics to be performed by the off-line finishing device as separated by the sorter and assigned to the off-line finishing device.

2. (Previously Presented) A printing system as claimed in claim 1, wherein the print server further includes a transmitter for transmitting to the on-line printer the data pertaining to the finishing device job ticket created by the creating unit so as to print the finishing device job ticket.

3. (Previously Presented) A printing system as claimed in claim 2, further comprising an on-line scanner, and wherein the print server further includes:

a second memory for storing job information and user information included in the job ticket received by the receiver;

a reader for reading the job information from the data obtained by reading via the scanner the finishing device job ticket printed by the on-line printer; and

a notifier for calling the user information stored in the second memory based on the job information read by the reader and notifying the client of job completion based on the user information.

4. (Currently Amended) A print server to be used in a printing system including an on-line client, a print server, a printer capable of performing a first set of finishing specifications, as well as an off-line finishing device capable of performing a second set of finishing specifications, the print server comprising:

a first memory for storing the first set of finishing specifications capable of being performed by the on-line printer and the second set of finishing specifications capable of being performed by the off-line finishing device, as well as information regarding options installed thereon;

a receiver for receiving from the client a job including data pertaining to a job ticket that includes at least finishing specifics for printing to be executed;

a sorter for, ~~based on the first set and second set of finishing specifications and installed options that is stored in the first memory,~~ separating the finishing specifics included in the job ticket received by the receiver into ~~those of the finishing specifics to be performed by the on-line printer and those of the finishing specifics to be~~ finishing specifics selected from the stored first set of finishing specifics capable of being performed by the online printer, and finishing specifics selected from the stored second set of finishing specifics capable of being performed by the off-line finishing device, wherein those of the selected finishing specifics to be capable of being performed by the on-line printer are assigned to the on-line printer, and those of the selected finishing specifics to be capable of being performed by the off-line finishing device are assigned to the off-line finishing device;

a setting unit for setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated by the sorter and assigned to the on-line printer; and

a creating unit for creating data for a finishing device job ticket that includes the finishing specifics to be performed by the off-line finishing device as separated by the sorter and assigned to the off-line finishing device.

5. (Previously Presented) A print server as claimed in claim 4, further comprising a transmitter for transmitting to the on-line printer the data pertaining to the finishing device job ticket created by the creating unit so as to print the finishing device job ticket.

6. (Previously Presented) A print server as claimed in claim 5, wherein the printing system further includes an on-line scanner, and the print server further comprises:

a second memory for storing job information and user information included in the job ticket received by the receiver;

a reader for reading the job information from the data obtained by reading via the scanner the finishing device job ticket printed by the on-line printer; and

a notifying unit for calling the user information stored in the second memory based on the job information read by the reader and notifying the client of job completion based on the user information.

7. (Currently Amended) A non-transitory computer-readable medium containing a computer program to be used in a printing system which includes an on-line client, a printer capable of performing a first set of finishing specifications, as well as an off-line finishing device capable of performing a second set of finishing

specifications, and which executes a print job based on a job ticket including at least finishing specifics for printing to be executed, the computer program causing a computer to execute processing comprising the steps of:

receiving the job ticket from the client;

separating the finishing specifics included in the received job ticket into ~~those~~ of the finishing specifics to be selected from a first set of finishing specifics capable of being performed by the on-line printer that are stored in a memory, and ~~those of the finishing specifics to be selected from a second set of finishing specifics capable of being performed by the off-line finishing device that are stored in the memory,~~ based on information regarding the first and second sets of finishing specifications and installed options of the on-line printer and finishing device that are stored in a first memory, wherein those of the selected finishing specifics ~~to be capable of being~~ performed by the on-line printer are assigned to the on-line printer, and those of the selected finishing specifics ~~to be capable of being~~ performed by the off-line finishing device are assigned to the off-line finishing device;

setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated and assigned to the on-line printer;  
and

creating data for a finishing device job ticket that includes the finishing specifics to be performed by the off-line finishing device as separated and assigned to the off-line finishing device.

8. (Previously Presented) A computer-readable medium containing a computer program as claimed in claim 7, the processing further comprising a step of

transmitting to the on-line printer the created data pertaining to the finishing device job ticket so as to print the finishing device job ticket.

9. (Previously Presented) A computer-readable medium containing a computer program as claimed in claim 8, wherein the printing system further includes an on-line scanner, and the processing further comprising the steps of:

storing job information and user information included in the received job ticket into a second memory;

reading the job information from the data obtained by reading the finishing device job ticket printed by the on-line printer; and

calling the user information stored in the second memory based on the read job information and notifying the client of job completion based on the user information.

10. (Currently Amended) A printing system comprising an on-line client, a print server, a printer capable of performing a first set of finishing specifications, and an off-line finishing device capable of performing a second set of finishing specifications, wherein the print server includes:

a memory for storing the first set of finishing specifications ~~of~~ capable of being performed by the on-line printer and ~~of~~ the second set of finishing specifications capable of being performed by the off-line finishing device; and

a processor that separates finishing specifics included in a received job ticket for a print job into ~~those of the finishing specifics to be performed by the on-line printer and those of the finishing specifics to be~~ finishing specifics selected from the

stored first set of finishing specifics capable of being performed by the online printer,  
and finishing specifics selected from the stored second set of finishing specifics  
capable of being performed by the off-line finishing device, ~~based on the first and~~  
~~second sets of specifications stored in said memory,~~ provides the on-line printer with  
parameters for the separated finishing specifics to be performed by the on-line  
printer, and generates a job ticket that includes the separated finishing specifics to  
be performed by the off-line finishing device.

11. (Previously Presented) A printing system as claimed in claim 10,  
wherein the print server further transmits to the on-line printer the data pertaining to  
the job ticket generated by the processor to print the finishing device job ticket.

12. (Previously Presented) A printing system as claimed in claim 11,  
further comprising an on-line scanner, and wherein the print server further includes:

a memory for storing job information and user information included in the  
received job ticket;

and wherein said processor reads job information input by the scanner from  
the job ticket printed by the on-line printer, retrieves the user information stored in  
said memory based on the job information input by the scanner, and notifies the  
client of job completion based on the user information.

13. (Currently Amended) A print server to be used in a printing system  
including an on-line client, a print server, a printer capable of performing a first set of

finishing specifications, and an off-line finishing device capable of performing a second set of finishing specifications, the print server comprising:

a memory for storing the first set of finishing specifications ~~of~~ capable of being performed by the on-line printer and ~~of~~ the second set of finishing specifications capable of being performed by the off-line finishing device; and

a processor that separates finishing specifics included in a received job ticket for a print job into ~~those of the finishing specifics to be performed by the on-line printer and those of the finishing specifics to be~~ finishing specifics selected from the stored first set of finishing specifics capable of being performed by the online printer, and finishing specifics selected from the stored second set of finishing specifics capable of being performed by the off-line finishing device, ~~based on the first and second sets of specifications stored in said memory,~~ provides the on-line printer with parameters for the separated finishing specifics to be performed by the on-line printer, and generates a job ticket that includes the separated finishing specifics to be performed by the off-line finishing device.

14. (Previously Presented) A print server as claimed in claim 13, wherein the print server further transmits to the on-line printer the data pertaining to the job ticket generated by the processor to print the finishing device job ticket.

15. (Previously Presented) A print server as claimed in claim 14, wherein the printing system further includes an on-line scanner, and the print server further comprises:



a memory for storing job information and user information included in the received job ticket;

and wherein said processor reads job information input by the scanner from the job ticket printed by the on-line printer, retrieves the user information stored in said memory based on the job information input by the scanner, and notifies the client of job completion based on the user information.

16. (Currently Amended) A print server to be used in a printing system including a client, the print server, a printer capable of performing a first set of finishing specifications, and a finishing device that is separately provided from the printer and capable of performing a second set of finishing specifications, the print server comprising:

a first memory section that stores information on the first set of finishing specifications of capable of being performed by the printer and the second set of finishing specifications capable of being performed by the finishing device;

a receiving section that receives from the client data pertaining to a job ticket that includes at least finishing specifics for printing to be executed; and

a control section that separates, based on the first and second sets of finishing specifications of respectively capable of being performed by the printer and the finishing device that are stored in the first memory section, the finishing specifics included in the job ticket received by the receiving section into a first group of the finishing specifics to be selected from the stored first set of finishing specifics capable of being performed by the printer and a second group of the finishing

specifics ~~to be~~ selected from the stored second set of finishing specifics capable of being performed by the finishing device separately provided from the printer.

17. (Previously Presented) The print server as claimed in claim 16, further comprising:

a transmitting section that transmits information on the first group of specifics to the printer.

18. (Previously Presented) The print server as claimed in claim 17, wherein information on second group of the specifics is also sent to the printer.

19. (Previously Presented) The print server as claimed in claim 18, wherein the information on the second group of specifics is sent to the printer in a form of data to be printed by the printer.

20. (Previously Presented) The print server as claimed in claim 19, wherein the form of data complies with a page description language.

21. (Previously Presented) The print server as claimed in claim 19, wherein the finishing device is an off-line finishing device that is disconnected from the client, the print server, and the printer.

22. (Currently Amended) A printing system comprising:  
an on-line client;

a print server;

an on-line printer having at least one first finishing feature; and

a finishing device having at least one second finishing feature;

wherein the print server includes:

a first memory for storing specifications ~~of~~ capable of being performed by the on-line printer and ~~of~~ specifications capable of being performed by the finishing device, as well as information regarding the first and second finishing features;

a receiver for receiving from the client data pertaining to a job ticket that includes at least finishing specifics to be executed;

a sorter for, ~~based on the information regarding the specifications and the first and second finishing features that is stored in the first memory,~~ separating the finishing specifics included in the job ticket received by the receiver into ~~those to be performed by the on-line printer and those to be~~ finishing specifics selected from the stored specifications capable of being performed by the online printer, and finishing specifics selected from the stored specifications capable of being performed by the finishing device, wherein those of the selected finishing specifics ~~to be~~ capable of being performed by the on-line printer are assigned to the on-line printer, and those of the selected finishing specifics ~~to be~~ capable of being performed by the off-line finishing device are assigned to the off-line finishing device;

a setting unit for setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated by the sorter and assigned to the on-line printer; and

a creating unit for creating data for a finishing device job ticket that includes the finishing specifics to be performed by the finishing device as separated by the sorter and assigned to the finishing device.

23. (Previously Presented) A printing system as claimed in claim 22, wherein the print server further includes a transmitter for transmitting to the on-line printer the data pertaining to the finishing device job ticket created by the creating unit so as to print the finishing device job ticket.

24. (Currently Amended) A print server to be used in a printing system including an on-line client; a print server; an on-line printer having at least one first finishing feature; and a finishing device having at least one second finishing feature; the print server comprising:

a first memory for storing specifications of capable of being performed by the on-line printer and of specifications capable of being performed by the finishing device, as well as information regarding the first and second finishing features;

a receiver for receiving from the client data pertaining to a job ticket that includes at least finishing specifics to be executed;

a sorter for, ~~based on the information regarding the specifications and the first and second finishing features that is stored in the first memory,~~ separating the finishing specifics included in the job ticket received by the receiver into ~~those to be performed by the on-line printer and those to be~~ finishing specifics selected from the stored specifications capable of being performed by the online printer, and finishing specifics selected from the stored specifications capable of being performed by the

finishing device, wherein those of the selected finishing specifics ~~to be capable of being~~ performed by the on-line printer are assigned to the on-line printer, and those of the selected finishing specifics ~~to be capable of being~~ performed by the off-line finishing device are assigned to the off-line finishing device;

a setting unit for setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated by the sorter and assigned to the on-line printer; and

a creating unit for creating data for a finishing device job ticket that includes the finishing specifics to be performed by the finishing device as separated by the sorter and assigned to the finishing device.

25. (Currently Amended) A non-transitory computer-readable medium containing a computer program to be used in a printing system which includes an on-line client; a print server; an on-line printer having at least one first finishing feature; and a finishing device having at least one second finishing feature, the computer program causing a computer to execute processing comprising the steps of:

receiving the job ticket from the client;

separating finishing specifics included in the received job ticket into ~~those of the~~ finishing specifics ~~to be~~ selected from a first set of finishing specifics capable of being performed by the on-line printer that are stored in a memory, and ~~those of the~~ finishing specifics ~~to be~~ selected from a second set of finishing specifics capable of being performed by the finishing device that are stored in the memory, ~~based on information regarding specifications and installed options of the on-line printer and the first and second finishing features that is stored in a first memory~~, wherein those

of the selected finishing specifics ~~to be~~ capable of being performed by the on-line printer are assigned to the on-line printer, and those of the finishing specifics ~~to be~~ capable of being performed by the off-line finishing device are assigned to the off-line finishing device;

setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated and assigned to the on-line printer;  
and

creating data for a finishing device job ticket that includes the finishing specifics to be performed by the finishing device as separated and assigned to the finishing device.

26. (Currently Amended) A printing system comprising:

an on-line client;

a print server;

an on-line printer having at least one first finishing feature; and

a finishing device having at least one second finishing feature;

wherein the print server includes:

a receiver for receiving from the client data pertaining to a job ticket that includes finishing specifics to be executed;

a sorter for, ~~based on information regarding the first and second finishing features,~~ separating the finishing specifics included in the job ticket received by the receiver into ~~those to be performed by the on-line printer and those to be~~ finishing specifics selected from a stored first set of finishing specifics capable of being performed by the online printer, and finishing specifics selected from a stored second

set of finishing specifics capable of being performed by the finishing device, wherein those of the selected finishing specifics to be performed by the on-line printer are assigned to the on-line printer, and those of the selected finishing specifics to be performed by the off-line finishing device are assigned to the off-line finishing device;

a setting unit for setting, in the on-line printer, parameters for the finishing specifics to be performed by the on-line printer as separated by the sorter and assigned to the on-line printer; and

a creating unit for creating data for a finishing device job ticket that includes the finishing specifics to be performed by the finishing device as separated by the sorter and assigned to the finishing device..

27. (Previously Presented) A printing system as claimed in claim 1, wherein the on-line printer is capable of performing finishing procedures and the off-line finishing device is not connected to the on-line printer or the on-line print server.